

## ABSTRACT OF THE INVENTION

The present invention describes a method for the compression of still images with the The present invention relates to devices for the processing of images, and in particular for the compression of static images to a high degree and the obtaining of a restored image of high image quality. More specifically, the subject of the present application is a method and mathematical device for the construction of a filter bank for the compression of bi-dimensional static images. A digital filter, based on non-separable wavelet bases, is used to provide effectively compressed images of various dimensions and to give results exceeding currently known standards.